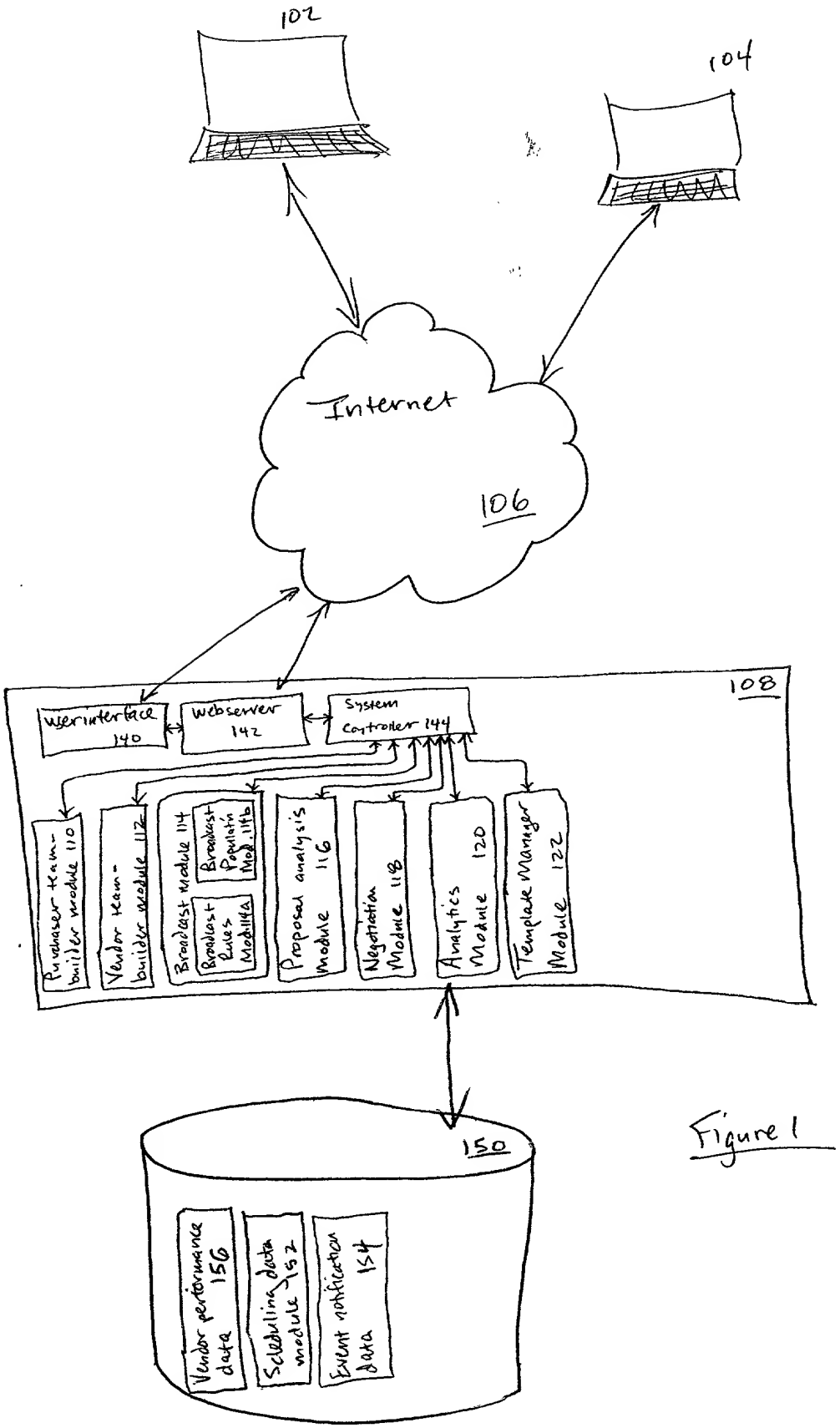
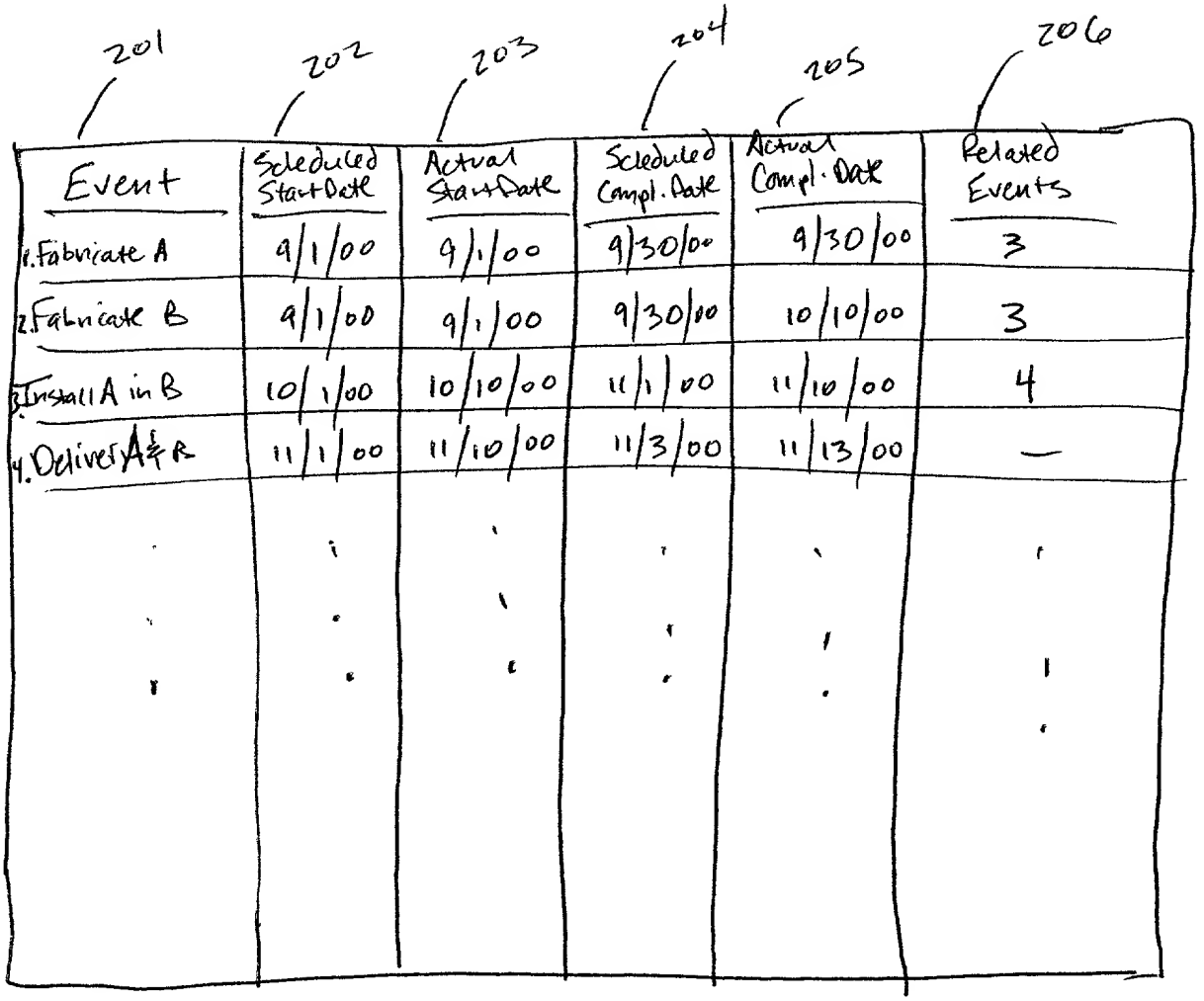
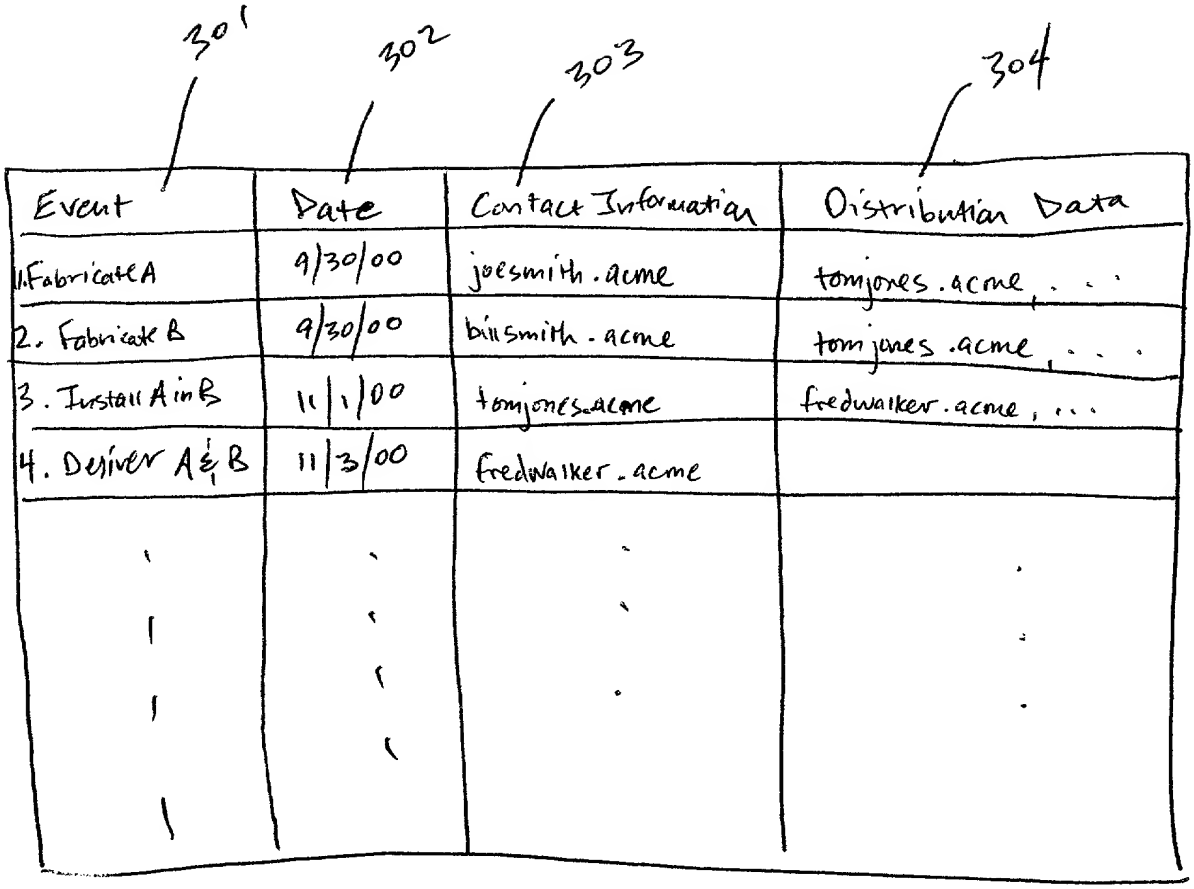

102
104
Internet
106
108
User interface 140
Webserver 142
System controller 144
Purchaser team-builder module 110
Vendor team-builder module 112
Broadcast module 114
Broadcast Rules Module 114a
Broadcast Population Mod. 114b
Proposal analysis module 116
Negotiation Module 118
Analytics Module 120
Template Manager Module 122
150
Vendor performance data 156
Scheduling data module 152
Event notification data 154

Figure 1


201
202
203
204
205
206
Event
Scheduled Start Date
Actual Start Date
Scheduled Compl. Date
Actual Compl. Date
Related Events
1. Fabricate A
9/1/00
9/1/00
9/30/00
9/30/00
3
2. Fabricate B
9/1/00
9/1/00
9/30/00
10/10/00
3
3. Install A in B
10/1/00
10/10/00
11/1/00
11/10/00
4
4. Deliver A & B
11/1/00
11/10/00
11/3/00
11/13/00
—

200

Figure 2


301
302
303
304
Event
Date
Contact Information
Distribution Data
1. Fabricate A
9/30/00
joesmith.acme
tomjones.acme, ...
2. Fabricate B
9/30/00
billsmith.acme
tomjones.acme, ...
3. Install A in B
11/1/00
tomjones.acme
fredwalker.acme, ...
4. Deliver A & B
11/3/00
fredwalker.acme

300

Figure 3

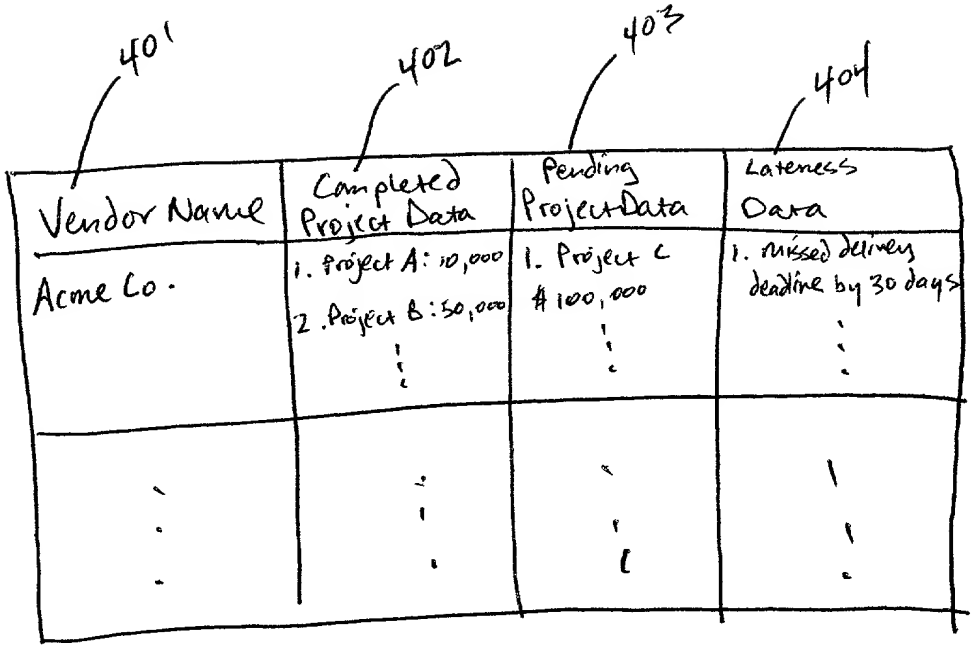

401
402
403
404
Vendor Name
Completed Project Data
Pending Project Data
Lateness Data
Acme Co.
1. Project A: 10,000
2. Project B: 50,000
1. Project C $100,000
1. missed delivery deadline by 30 days

Figure 4

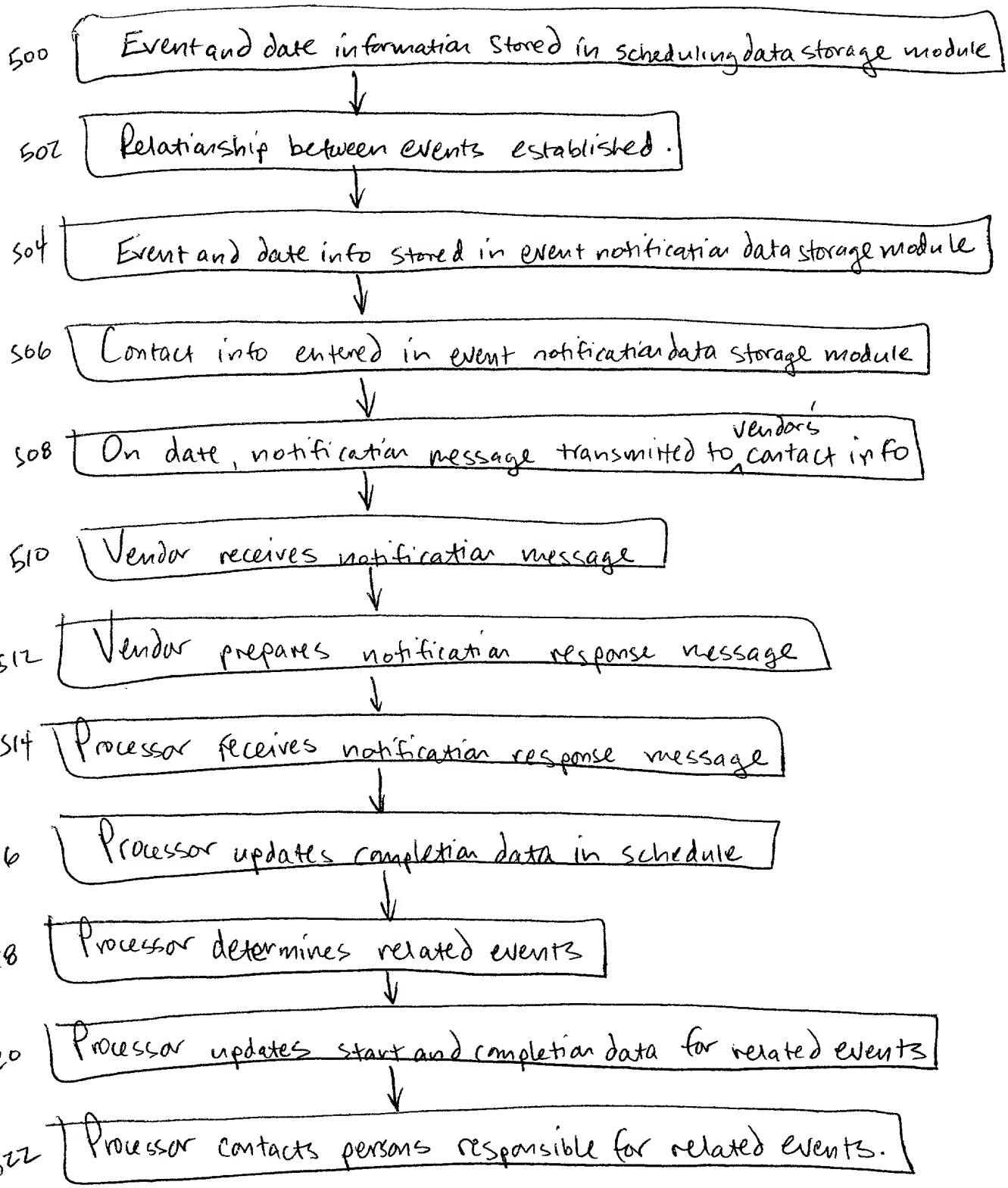

500
Event and date information stored in scheduling data storage module
502
Relationship between events established.
504
Event and date info stored in event notification data storage module
506
Contact info entered in event notification data storage module
508
On date, notification message transmitted to vendor's contact info
510
Vendor receives notification message
512
Vendor prepares notification response message
514
Processor receives notification response message
516
Processor updates completion data in schedule
518
Processor determines related events
520
Processor updates start and completion data for related events
522
Processor contacts persons responsible for related events.

Figure 5

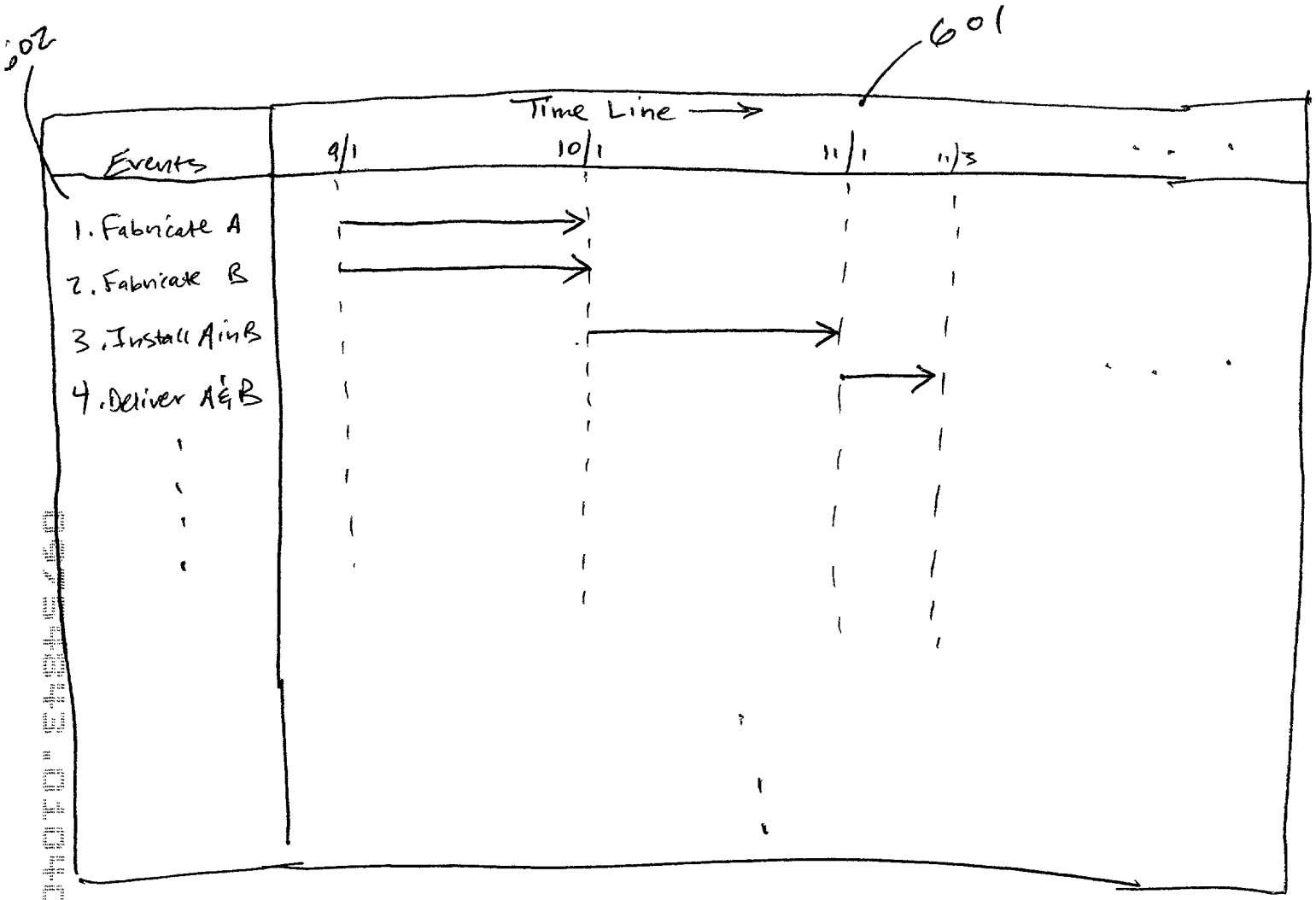

602
601
Time Line →
Events
9/1
10/1
11/1
11/3
1. Fabricate A
2. Fabricate B
3. Install A in B
4. Deliver A & B

Figure 6

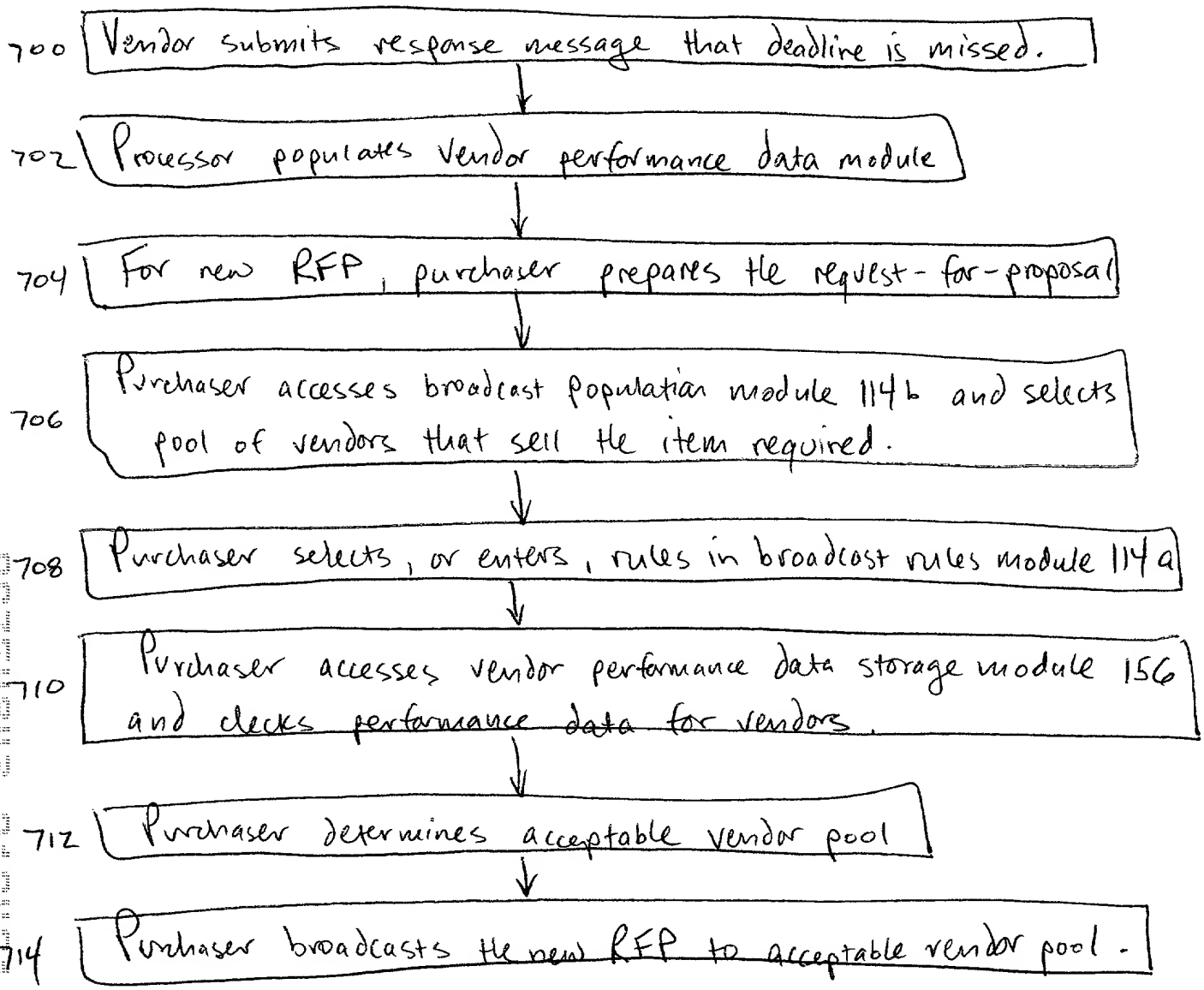

700
Vendor submits response message that deadline is missed.
702
Processor populates Vendor performance data module
704
For new RFP, purchaser prepares the request-for-proposal
706
Purchaser accesses broadcast population module 114b and selects pool of vendors that sell the item required.
708
Purchaser selects, or enters, rules in broadcast rules module 114a
710
Purchaser accesses vendor performance data storage module 156 and checks performance data for vendors.
712
Purchaser determines acceptable vendor pool
714
Purchaser broadcasts the new RFP to acceptable vendor pool.

Figure 7